

In the claims:

Please substitute the following full listing of claims for the claims as originally filed or most recently amended.

1. (Currently Amended) A program selection device which receives a plurality of programs and an EPG (Electronic Program Guide), and selects a particular elementary stream, of a plurality of elementary streams received together with one of the plurality of programs which is selected by a user, comprising:

a controller; and
a storage section, ~~and~~

wherein said storage section stores a past record of the ~~user-viewing~~ programs viewed by a user, in association with a plurality of predetermined types of the programs, and the received EPG, and

wherein said controller identifies types of both the selected program and the multiplexed elementary streams in accordance with the EPG, calculates rates at which the user views programs in association with each of the types of the programs based on the past record, specifies a type of program based on the calculated rates, and selects an elementary stream corresponding to the ~~specified~~ type of program specified based on the calculated rates, of a plurality of elementary streams which are received together with the selected program.

2. (Original) A program selection device which receives a plurality of programs and an EPG, and selects a particular elementary stream, of a plurality of elementary streams received together with one of the plurality of programs which is selected by a user, said device comprising:

program receiving means for receiving the EPG, the selected program, and the plurality of elementary streams;

type identification means for identifying types of both the selected program and the plurality of elementary streams;

rate calculation means for calculating rates at which the user views programs in association with a plurality of program types;

rate storage means for storing the calculated rates in association with each of the program types; and

ES selection means for specifying a program type based on the calculated rates, and selecting an elementary stream of the plurality of elementary streams received by said program receiving means, the elementary stream corresponding to the specified program type.

3. (Currently Amended) The program selection device according to claim 2, wherein:

said rate storage means includes a counter for counting a number of times the user views programs in association with the program types; and

said rate calculation means increments, every time the user selects a program, a value of the counter corresponding ~~each of the~~ to a respective viewed program types by 1, so as to obtain the rates based on the value of the counter.

4. (Currently Amended) The program selection device according to claim \pm 2, wherein, of the plurality of elementary streams which are multiplexed and included in the program selected by the user, an elementary stream corresponding to a most-frequently watched program type is selected based on a calculation of said rate calculation means.

5. (Currently Amended) A program selection method for selecting a particular elementary stream of a plurality of elementary streams received together with one of the plurality of programs which is selected by a user, after receiving a plurality of programs and an EPG, said method comprising:

storing a past record of the ~~user-viewing~~ programs viewed by a user in association with program types of the programs and the received EPG; and

identifying a program type of the selected program including the plurality of elementary streams based on the EPG, calculating rates at which the user views the programs in association with the program types based on the past record, and specifying a program type of a program based on the calculated rates, thereby to select one elementary stream of the plurality of elementary streams corresponding to the specified program type.

6. (Currently Amended) A program selection method for selecting a particular elementary stream of a plurality of elementary streams received together with one of the plurality of programs which is selected by a user, after receiving a plurality of programs and an EPG, said method comprising:

receiving a program selected by the user, the plurality of elementary streams and the EPG;

identifying a program type of the selected program including the plurality of elementary streams;

calculating rates at which the user views the programs in association with a plurality of program types;

storing the rates which are calculated in association with the plurality of program types; and

specifying a program type based on the calculated rates, thereby to select one elementary stream, corresponding to the specified program type, of the plurality of elementary streams received in said receiving step.

7. (Currently Amended) The program selection method according to claim 6, wherein:

a counter for counting a number of times the user watches programs in association with the program types is used in said storing; and

in said calculating, every time the user selects a program, a value of the counter corresponding to ~~each of the~~ a respective selected program ~~types~~ type is incremented by 1, and the rates are obtained based on the value of the counter.

8. (Currently Amended) The program selection method according to claim 5, further comprising selecting, of the plurality of elementary streams which are multiplexed and included in the program selected by the user, an elementary stream corresponding to a most-frequently watched program type based on a calculation performed in said calculating step.

9. (New) The program selection device according to claim 1, wherein, of the plurality of elementary streams which are multiplexed and included in the program selected by the user, an elementary stream corresponding to a most-frequently watched program type is selected based on a result of said calculating of rates by said controller.

10. (New) A program selection device which receives a plurality of programs and an EPG (Electronic Program Guide) containing predetermined types of the programs which represent the contents of programs, and selects a particular elementstreams, of a plurality of elementary streams received together with one of the plurality of programs which is selected by a user, comprising:

a storage section storing a past record of the program viewed by a user, in association with a plurality of the types of the programs, and the received EPG; and

a controller identifying the type of selected program in accordance with the EPG and calculating rates at which the user views programs in association with each of the types of the programs based on the past record, wherein

said controller specifies one type of program based on the calculated rates, and selects an elementary stream corresponding to the type of program specified based on the information for identifying a particular elementary stream included in the EPG, of a plurality of elementary streams which are received together with the selected program.